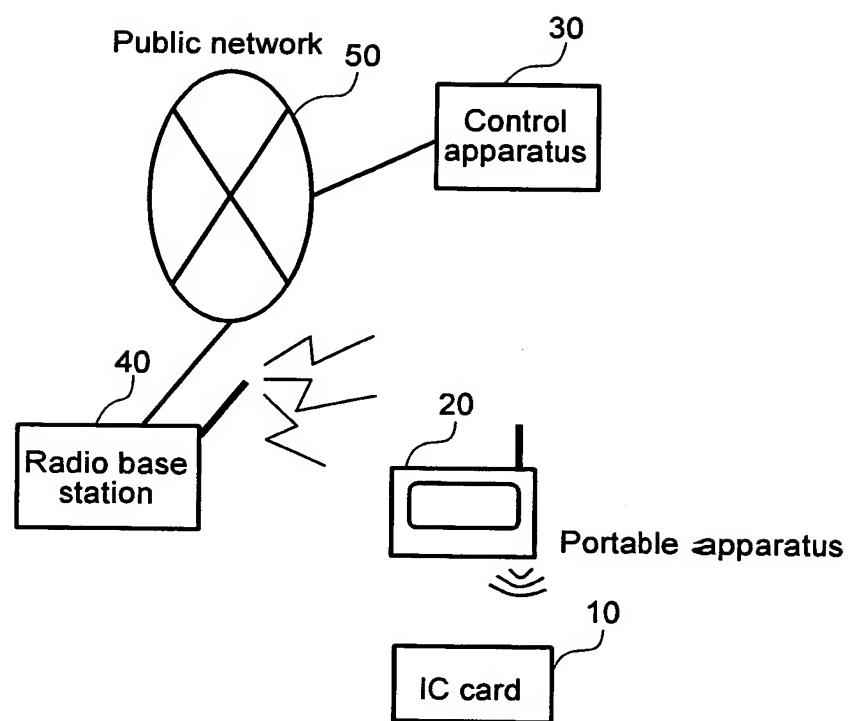
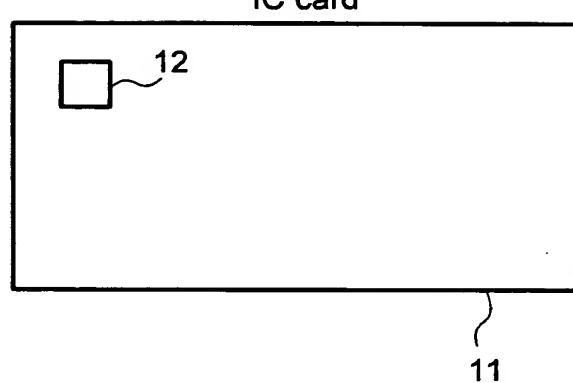


# FIG.1

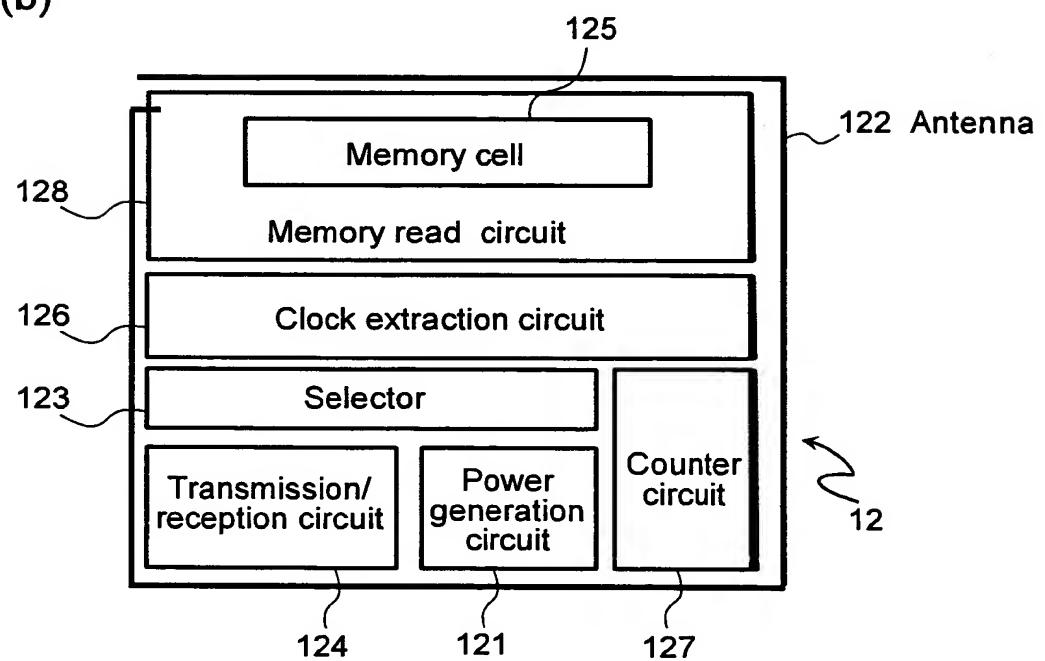


# FIG.2

(a)

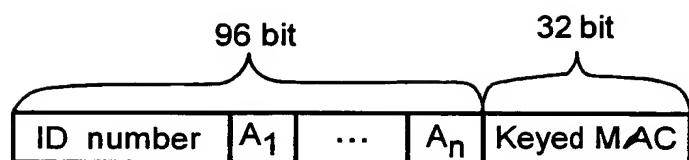


(b)

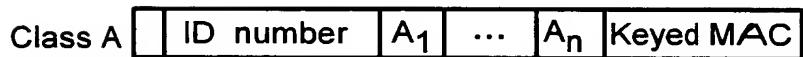


## FIG.3

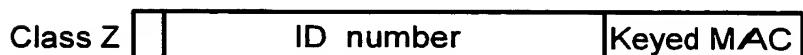
(a)



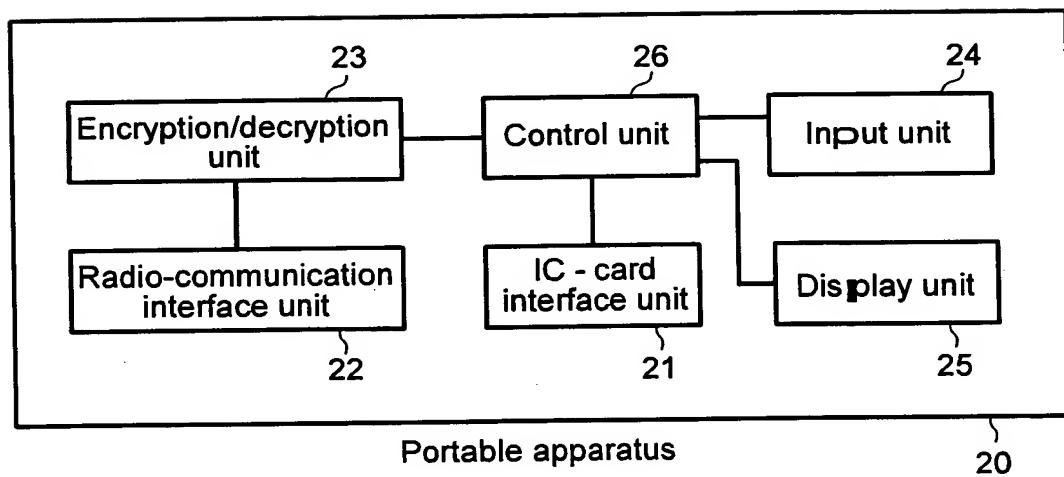
(b)



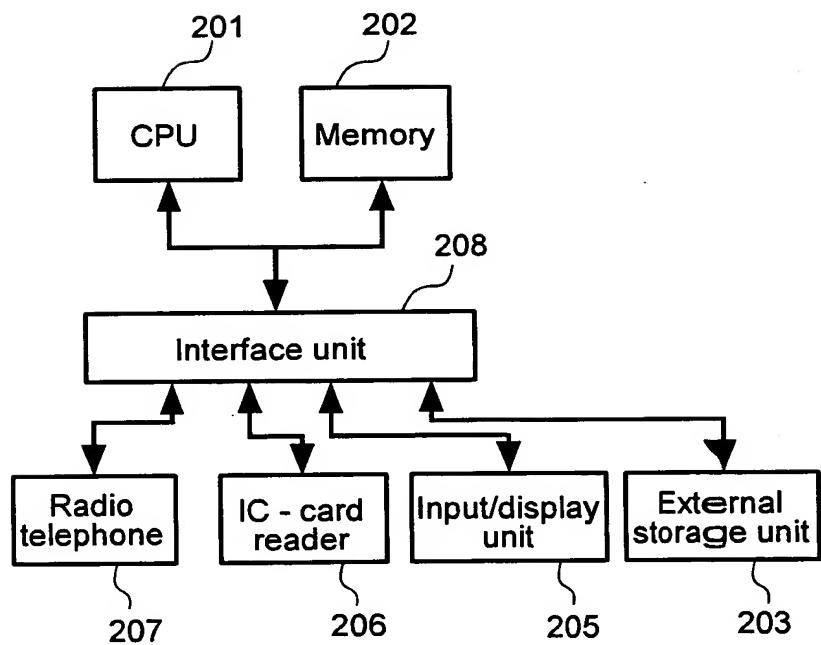
⋮



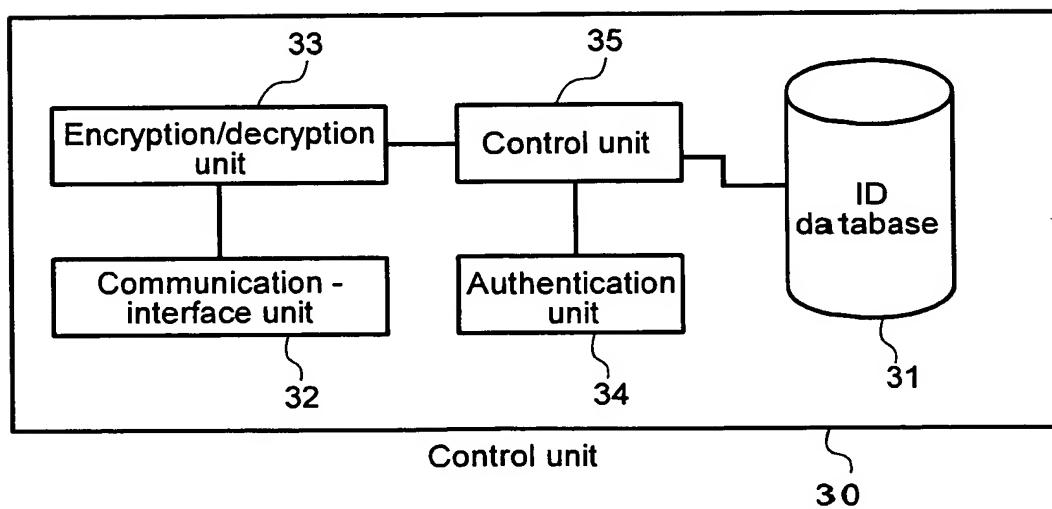
# FIG.4



## FIG.5



## FIG.6



# FIG.7

(a)

Attributes			ID number	Cataloged information
$A_1$	...	$A_n$		
**	...	**	*****	*****>*****
**	...	**	*****	*****>*****
**	...	**	*****	*****>*****
**	...	**	*****	*****>*****
**	...	**	*****	*****>*****
...	...	...	...	...

(b)

Class A

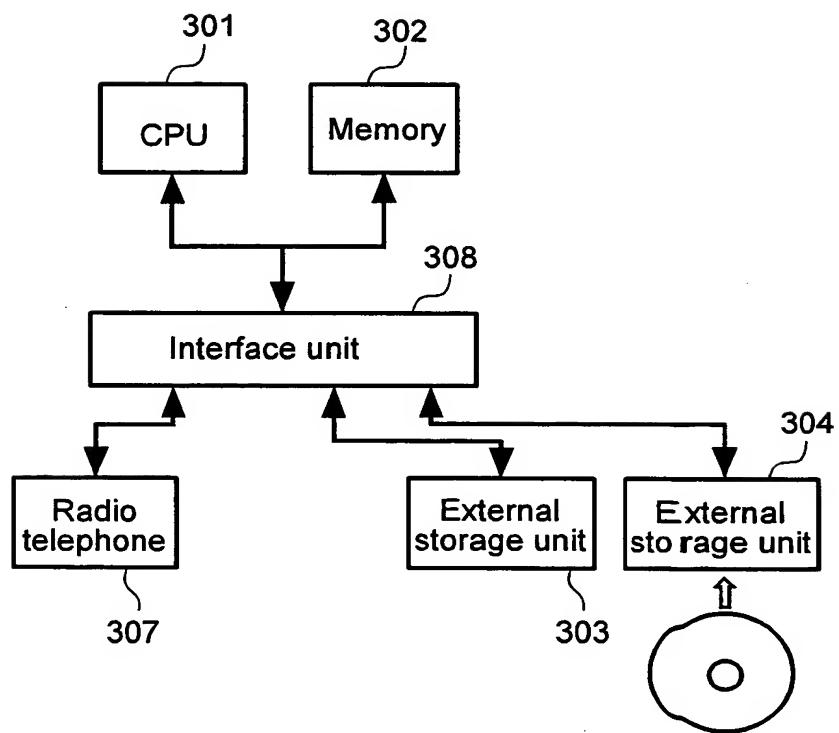
Attributes			ID number	Cataloged information
$A_1$	...	$A_n$		
**	...	**	*****	*****>*****
**	...	**	*****	*****>*****

Class B

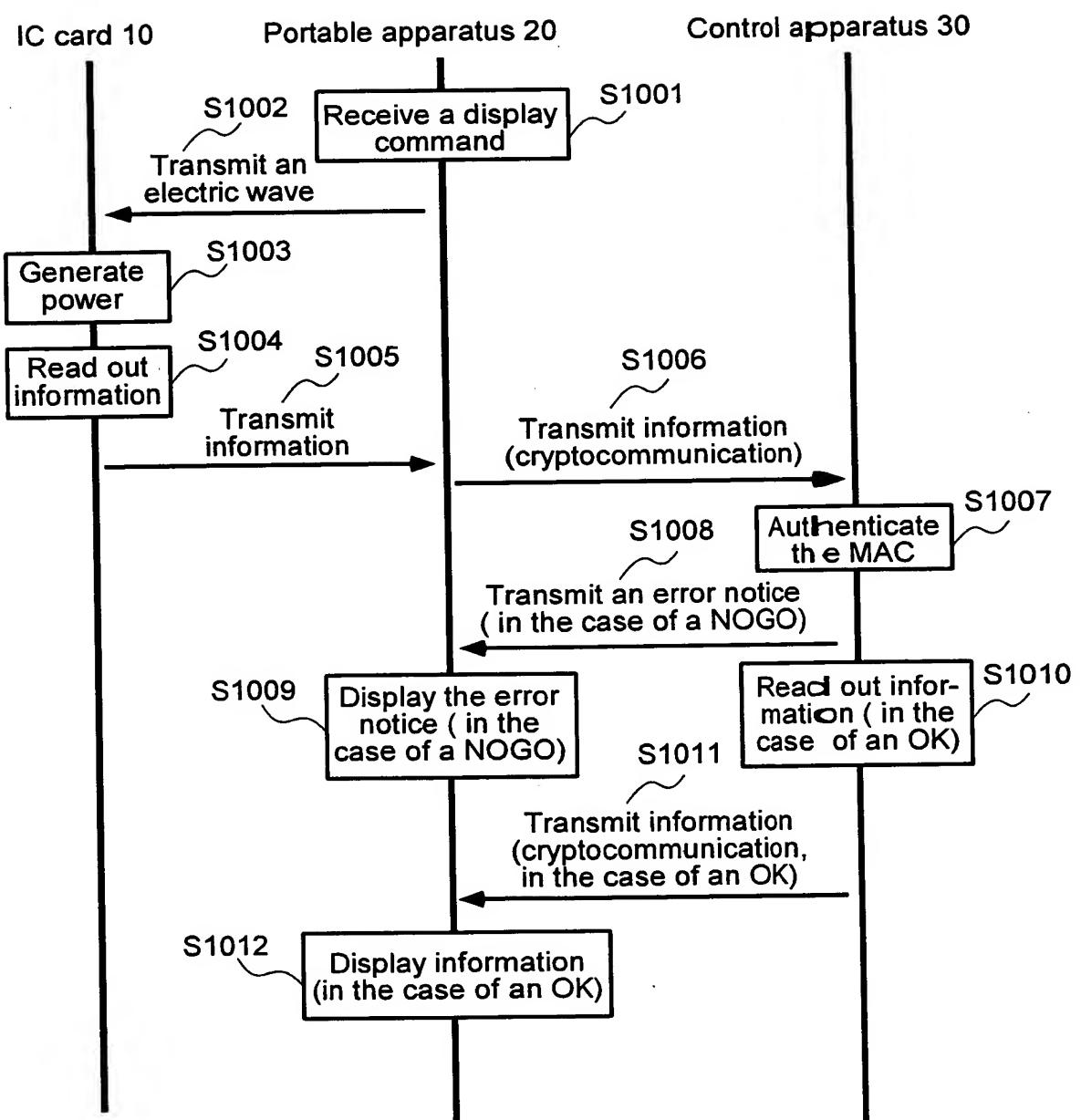
Attributes			ID number	Cataloged information
$A_1$	...	$A_{n-1}$		
**	...	**	*****	*****>*****
**	...	**	*****	*****>*****

...

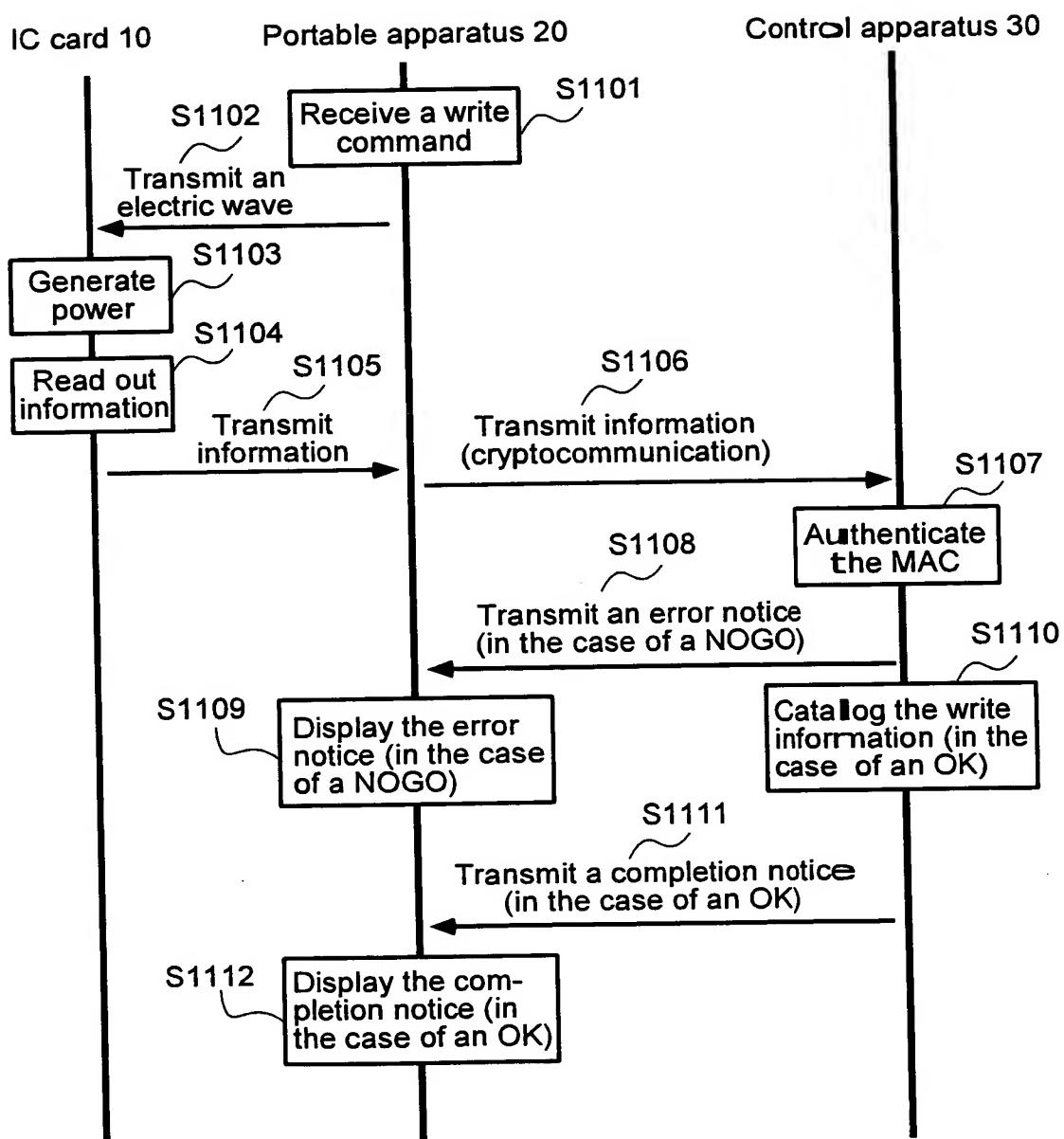
# FIG.8



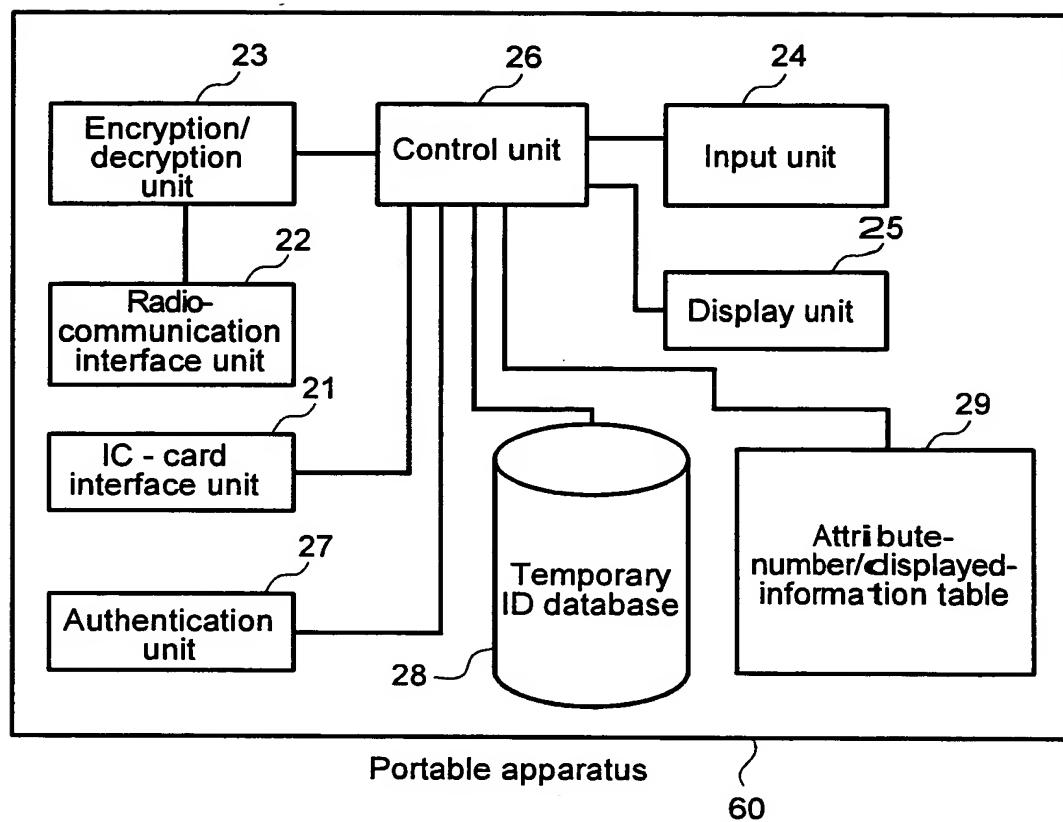
# FIG.9



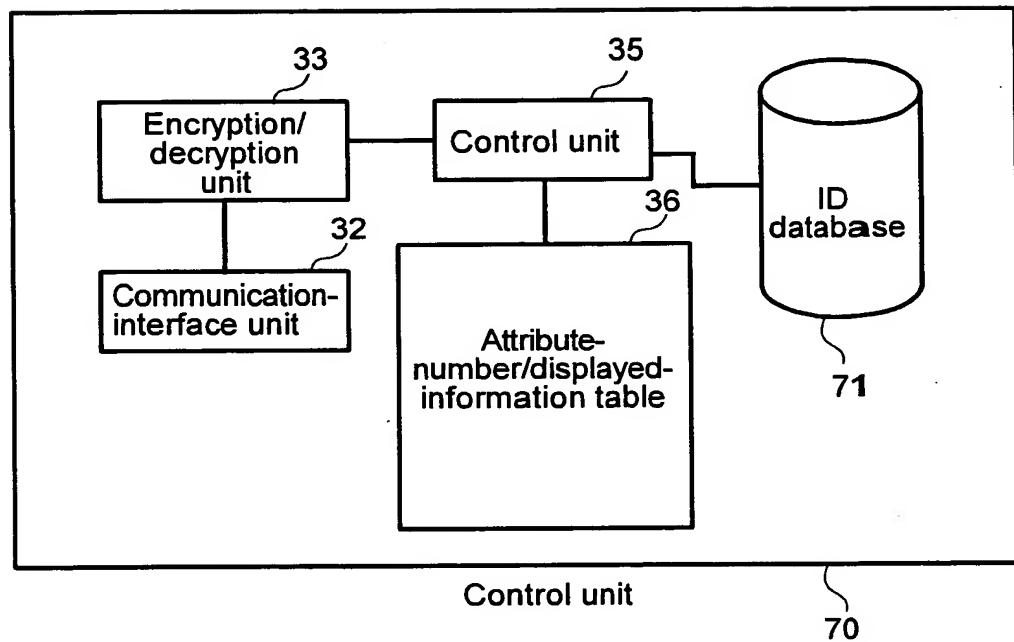
# FIG.10



# FIG.11



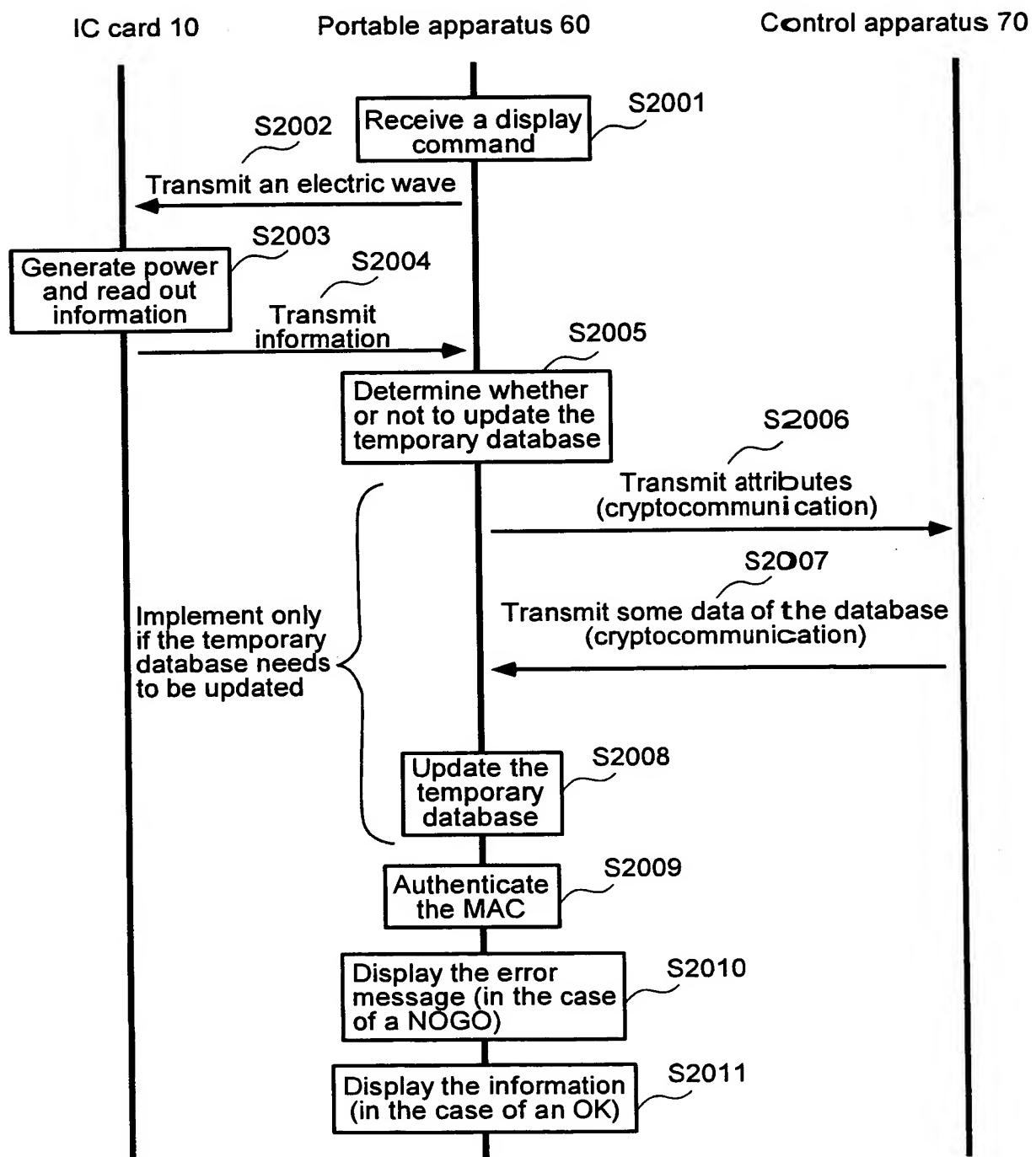
## FIG.12



## FIG.13

Attributes			ID number	User ID number	Cataloged information
$A_1$	...	$A_n$			
**	...	**	*****	*****	*****
**	...	**	*****	*****	*****
**	...	**	*****		*****
**	...	**	*****	*****	*****
**	...	**	*****		*****
...	...	...	...	...	...

# FIG.14



# FIG.15

